

D5090-041 DUCT ASSEMBLY

NOTES:

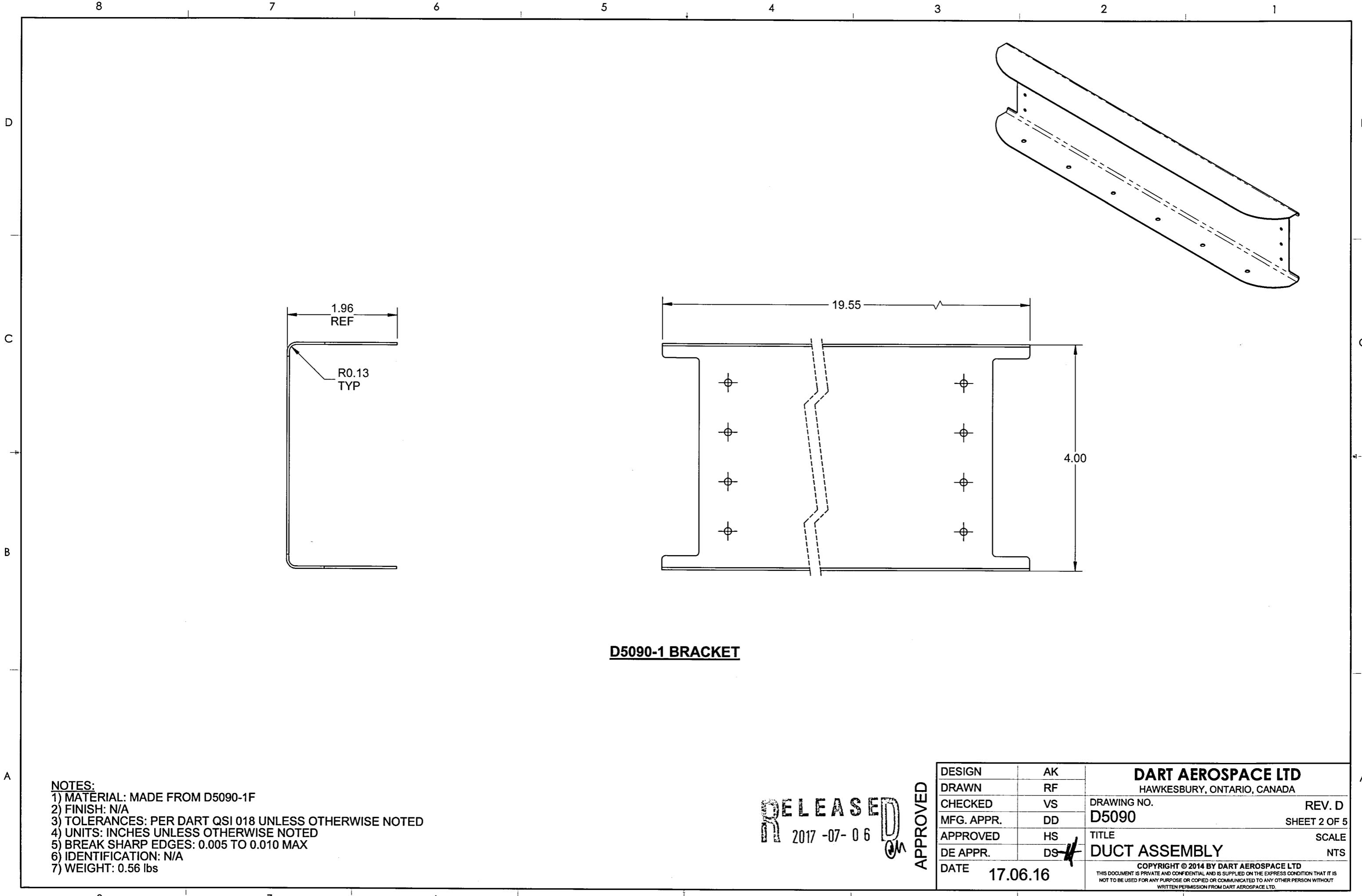
- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 AFTER TRANSFER DRILLING
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.86 lbs
- 8) ASSEMBLE D5090-041 WITH CLECO CLAMPS AND VERIFY DIMENSIONS
- 9) INSTALL MS20470AD4-5 RIVETS
- 10) FILL UPPER AND LOWER GAPS WITH SIKAFLEX, PROSEAL 890 OR EQUIVALENT, 4 PL

RELEASED
2017-07-06
EW 17-582

APPROVED

ITEM	QTY -041	P/N	DESCRIPTION
1	X	D5090-041	DUCT ASSEMBLY
2	2	D5090-1	BRACKET
3	2	D5090-3	BRACKET
4	16	MS20470AD4-5	RIVET, SOLID, PAN HEAD

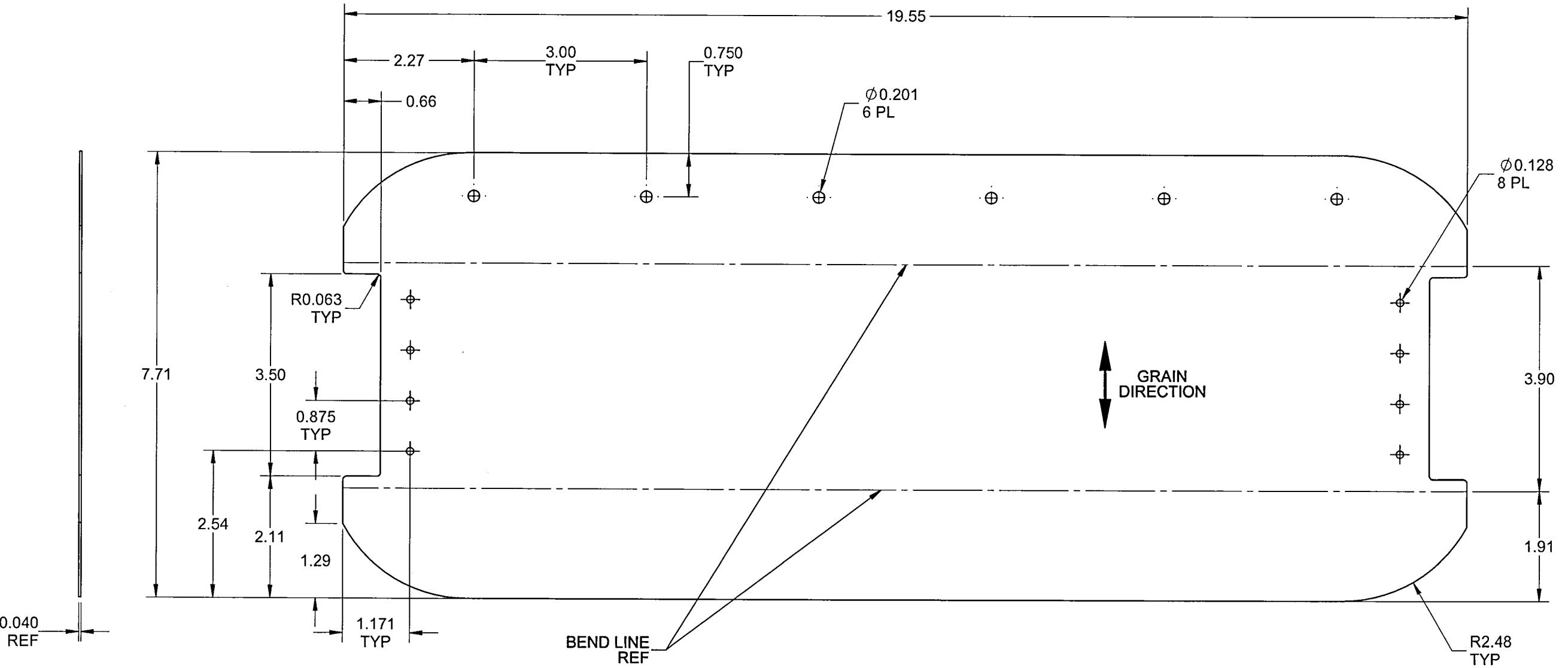
D	REMOVED Ø0.201 HOLES FROM -3F, REF CAR17-169	RF	17.06.16
C	REVISED D5090-1 DIMENSION (ZN C4-2), REVISED D5090-1 GEOMETRY (ZN C2-2 AND ZN C5-2), REVISED NOTE 7 (ZN A8-2 AND ZN A8-3), REVISED D5090-3 DIMENSION (ZN C3-4). ADDED DETAIL A (ZN C4-1). REVISED NOTE 10 (ZN A8-1). REMOVED FLAG NOTE FROM TOP VIEW (ZN C7-1)	AK	14.11.25
B	REVISED D5090-3 TO ADD HOLES (ZN C6-4, ZN B5-5)	AK	14.06.27
A	NEW ISSUE	AK	14.04.01
REV.	DESCRIPTION		
DESIGN	AK	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D5090	SHEET 1 OF 5
APPROVED	HS	TITLE	DUCT ASSEMBLY
DE APPR.	DS	SCALE	NTS
DATE	17.06.16	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



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D5090-1F FLAT PATTERN

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.040 THICK PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF DART SPEC M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.56 lbs

RELEASED
2017-07-06
PM

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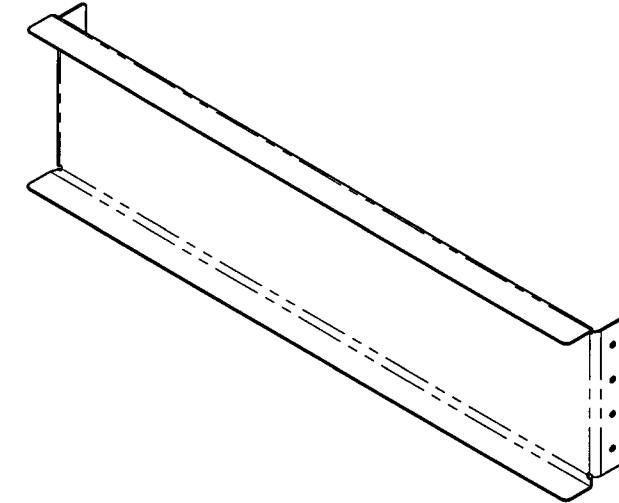
DATE 17.06.16

DESIGN	AK	DART AEROSPACE LTD			
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA			
CHECKED	VS	DRAWING NO.			
MFG. APPR.	DD	D5090			
APPROVED	HS	REV. D			
DE APPR.	DS	SHEET 3 OF 5			
TITLE		DUCT ASSEMBLY			
SCALE		NTS			
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A technical drawing of a vertical rectangular metal plate. On the left side, there are four circular holes arranged vertically. On the right side, the top edge features a U-shaped cutout. Above this cutout, the text '1.74 REF' is positioned with a horizontal dimension line. Below the cutout, the text '0.89 REF' is positioned with a horizontal dimension line. A callout line points to the right edge of the U-cutout with the text 'R0.13 TYP'.

A technical drawing of a rectangular frame. The top horizontal dimension is labeled 15.96. The right vertical dimension is labeled 4.00. The frame features a central cutout with a stepped, zigzag pattern. The corners of the frame and the cutout are rounded. There are small, curved, hook-like features at the corners of the frame.

D5090-3 BRACKET

NOTES:
1) MATERIAL: MADE FROM D5090-3F
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018
4) UNITS: INCHES UNLESS OTHERWISE
5) BREAK SHARP EDGES: 0.005 TO 0
6) IDENTIFICATION: N/A
7) WEIGHT: 0.37 lbs

APPROVED

RELEASED
2017-07-06

DESIGN	AK	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D5090	SHEET 4 OF 5
APPROVED	HS	TITLE	
DE APPR.	DS	DUCT ASSEMBLY	
DATE	17.06.16	SCALE NTS	

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